

MDEStat Meeting

April 11, 2011



Robert M. Summers, Acting Secretary

Sue Battle-McDonald, Stat Director

Table 1: Tentative Schedule for Development of Phase II WIP

Month	Activities
Jan/Feb 2011	<ul style="list-style-type: none"> •Form Local Team (will take some time) •Study background material (come up to speed on the issues)
Feb/March	<ul style="list-style-type: none"> •Start with: <ul style="list-style-type: none"> -Current Capacity (Info solicitation) -2-Year Milestones, using current capacity information as a starting point. -Tracking & Reporting -Accounting for Growth (State working group initiated) •Begin writing the document (Current Capacity & Tracking Sections)
April	<ul style="list-style-type: none"> •Current Capacity: Local Responses to Info Request •Tracking: Continue documenting existing systems •2-Yr Milestone Guidance (tentative) •Initiate documentation of local Watershed Planning Frameworks: How do local watershed planning frameworks relate to the WIP? •Provide BMP Information to Local Teams for review
May	<ul style="list-style-type: none"> •Continue writing the document: <ul style="list-style-type: none"> -Current Capacity -Local Tracking & Reporting -Watershed Planning Frameworks •Document Preliminary 2013 Milestones •Land Use Comparisons •Introduce MAST for reduction scenario development: Discuss current BMP implementation and remaining opportunities. •Study Phase I WIP Strategies as Starting-point for Phase II

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Month	Activities
June	<ul style="list-style-type: none"> •Current Capacity Documentation: Seek Closure •Tracking Documentation: Seek Closure •2013 Milestones: Initiate review of options by local officials •Land Use Comparison Follow-up •MAST Initial Training •Strategy Development Issues & Guidelines
July	<ul style="list-style-type: none"> •MAST Training & Test-Drive (last-minute refinements if needed) •Strategy Development Issues and Guidelines (continued) •EPA Provides new allocations and model scenarios to states (Jul 15) •MDE processes allocations for Bay Workgroup (Jul 15-29)
August	<ul style="list-style-type: none"> •Bay Workgroup/Cabinet Finalize Numbers for Locals (Aug 1-5) •Finalize Numbers for Local Teams (Aug 8-15) •Assist Local Teams with using MAST for Reduction Scenarios •TEST: Compile mock local input decks from MAST (Aug 16-19)
Sept	<ul style="list-style-type: none"> •Assist Local Teams with developing Reduction Scenarios •Draft Local Input Decks Interim/Final Targets Due to State (Sep 19) •Compile Draft Local Input Decks & Submit to EPA (Sep 20-23) •Sr. Sign-off on State Backup 2013 Milestones (Sep 26-27) •Compile State Backup 2013 Milestone Input Deck (Sep 28-29) •State 2013 Milestone Input Deck Due to EPA (Sept 30)

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Month	Activities
Oct	<ul style="list-style-type: none"> •Local 2013 Milestones Due to MDE (Oct 15) •State Backup 2017 Strategy Input Deck to EPA (Oct 15) •2013 Milestone Input Deck (Local/State) to EPA (Oct 30)
Nov	<ul style="list-style-type: none"> •Local Team Input Decks: 2017 & Allocations due to State (Nov 1) •Submit State Backup Allocation Input Deck to EPA (Nov 1) •Process Local Team Input Decks (Nov 1-8) •Submit Final Local Team Model Runs (Nov 8) •Receive Model Runs & Finalize WIP for Sr. Review (Nov.14-16) •Sr. Sign-off on EPA Review WIP (Nov 17-23) •Eat Turkey & Stuffing (Nov. 24-25) •Finalize WIP (Nov. 28-30)
Dec 2011	<ul style="list-style-type: none"> •Submit pre-public review Draft WIP to EPA Dec. 1 •Solicit EPA Preliminary Comments •Finalize Model Runs •Finalize WIP for Review by Sr. State Officials
Jan 2012	<ul style="list-style-type: none"> •Sr. Sign-off on Public Review WIP •Post Public Review WIP to Web •Start Public Review Jan. 15 •Receive EPA Comments Jan. 31

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Month	Activities
Feb	<ul style="list-style-type: none">•End Public Review Feb. 15•Address EPA and Public Comments•Conduct Final Model Runs if Necessary
March	<ul style="list-style-type: none">•Finalize WIP Document•Sr. Sign-off on Final WIP•Post Final WIP to Web•Submit WIP to EPA

Table 2: Phase II Watershed Implementation Plan Development Local Liaisons List *(Continued)*

Plan Development Liaison	County
John Holt, Brigid Kenney (backup) - MDE	Allegany
John Backus – MDE	Anne Arundel
Tom Thornton – MDE	Baltimore City
Paul Emmart – MDE	Baltimore
Claudia Donegan – DNR	Calvert
Alison Armocida- DNR	Caroline
Cheryl Reilly – MDE	Carroll
Anna Kasko - MDE	Cecil
Claudia Donegan - DNR	Charles
Kieth Lackie - MDP	Dorchester
Chris Aadland- DNR	Frederick
Brigid Kenney, John Holt (backup) – MDE	Garrett
Laura Connelly - DNR	Harford
Marya Levelev - MDE	Howard

Table 2: Phase II Watershed Implementation Plan Development Local Liaisons List

Plan Development Liaison	County
Elaine Dietz, Heather Fleming - MDE	Kent
Ken Yetman - DNR	Montgomery
Ken Yetman - DNR	Prince George's
Rusty McKay, Allison O'Hanlon - MDE	Queen Anne's
Quentin Forrest – MDE	St. Mary's
Keith Lackie - MDP	Somerset
Carrie Decker- DNR	Talbot
Chris Aadland- DNR	Washington
Keith Lackie - MDP	Wicomico
Carrie Decker- DNR	Worcester

Table 3: 319(h) Grants Summary

Grant Year	TOTAL Federal Funds	Total Expenditures As of 2/28/2011
FFY 2010	\$2,575,000	\$299,219.74
FFY 2009	\$2,575,782	\$1,562,002.47
FFY 2008	\$2,653,500	\$2,071,816.14
FFY 2007	\$2,598,601	\$1,629,023.14
TOTAL	\$10,402,883	\$5,562,061.49

Table 4: Permits/Approval That Have Or Are Undergoing An Antidegradation Review

Permit/Approval	Total Received	Open	Closed	Monitoring
NonTidal Wetlands and Waterways	102	42	62	5 (2 pending)
Water and Sewer Plan Amendments	39	27	12	-
Industrial Discharges	2	1	1	1
Mining	11	2	9	1
Toxic Materials	2	2	0	1

Table 5: Category 5 Listings that may not meet MOU Timeline (10) (Continued)

Basin Name	Impairment	Current Status/Actions
Atkisson Reservoir	Nutrients and Sediments (2)	<p>Previous report: RFPs were to be received by EPA HQ for approval, and sent to the Cincinnati office by mid-October. Bids were to be received during November - December.</p> <p>UPDATE as of 3/23/2011: EPA has cut all funding to this project, and as of now, we cannot fund this TMDL. Thus, it is not likely to meet the 9/30 deadline.</p>
Aberdeen Proving Ground	Toxics (1)	<ul style="list-style-type: none"> •New Contract in place with TetraTech to complete project. •Tetrattech has provided draft of final report. •MDE has submitted edits/comments on draft report. •Tetrattech plans to provide revised report the week of March 28th. •Findings of report suggest that additional monitoring is required to assess specific toxic impairments in order to refine general Toxics listing. •MDE plans to develop a preliminary monitoring plan and cost estimate. •EPA has informed MDE that they will no longer be able to continue funding this project.
Bodkin Creek	Copper (1)	<ul style="list-style-type: none"> •EPA plans to complete draft saltwater Cu BLM criterion in Summer 2011. •MDE plans to conduct monitoring survey Summer 2011 to reassess listing based on new criterion.

Table 5: Category 5 Listings that may not meet MOU Timeline (10)

Basin Name	Impairment	Current Status/Actions
Baltimore Harbor	Metals (2) Curtis Bay (zinc) Middle Harbor (zinc)	<ul style="list-style-type: none"> •Work continues on development of sediment quality guidelines for MD. •Wye Research & Education Center (WREC) is developing a second sediment toxicity test for clam species. •New sediment toxicity test will be applied in the second phase of the sediment spiking study to develop site-specific criteria for Cu/Pb/Zn in the Baltimore Harbor.
Upper Pocomoke River	Nutrients (1)	<p>Update 3/23/11: The model has been set up and calibration is expected to be finished at the end of march. The calibrated model will be used to run different scenarios to determined phosphorus TMDL. Will try the Chesapeake Bay interim (2017) scenario loads in the Upper Pocomoke watershed as a first attempt. If the 2017 CBP load allocations for the UP meets the required DO and Chla WQ criteria, it will be used to set the TMDL for the watershed. Completion of the Draft TMDL is expected by the end of April, 2011.</p>
Upper Pocomoke River	Sediment (1)	<p>Spoke with VIMS to see if they could do the TMDL. Since there is no numeric endpoint VIMS is unable to take on project. SSA will consider reference watershed approach but will be problematic on Eastern Shore.</p> <p>Update 3/23/11: Still considering reference watershed, looking for most appropriate references, Eastern Shore or Western Shore. Also researching literature for TSS threshold values or ranges that may be use as endpoints. Final decisions have not been taken on how to develop the TMDL.</p>

Table 5: Category 5 Listings that may not meet MOU Timeline (10)

Basin Name	Impairment	Current Status/Actions
Susquehanna River/Conowingo Dam	Nutrients/ Sediments (2)	<p>Applying SRBC data that was collected in 2008 indicates that the listing is not impaired for biology. Given final verification of this, we should be able to write a WQA for sediment.</p> <p>Update 3/23/2011: MBSS and SRBC Biological data were used to reassess the support of the Aquatic Life and Wildlife Use in the watershed. The SRBC study was funded by MDE and is comparable with MBSS methodology and meets the Biological Listing Methodology criteria. The total number of sites assessed in the watershed is 15. Only three of the sites had a failed for biology, which results in the watershed fully supporting the Aquatic Life and Wildlife Use, and therefore, confirming the Category 2 listing of the watershed for supporting its biological uses. Since the watershed supports its Aquatic Life and Wildlife Use, it is also concluded that is not impaired by nutrients or sediments. WQAs for both phosphorus and sediments have been developed and are currently under SSA internal review.</p>

**Note: EPA is discussing funding additional interstate and/or MOU projects.*

Table 6: TMDL/WQA Projects Submitted but Require Additional Action (i.e., follow up action required, not approved) (8)

Basin Name	Impairment	Current Status/Actions
Baltimore Harbor	Metals (5) Inner Harbor NW Branch (Cr) Inner Harbor NW Branch (Pb) Inner Harbor NW Branch (Zn) Bear Creek (Cr) Bear Creek (Zn)	Wait for results from sediment spiking study.
Baltimore Harbor Deep Channel	Nutrients (2)	<ul style="list-style-type: none"> •Bay TMDL shows attainment in Deep Channel and will replace existing Nutrient TMDL(s) •Existing TMDL evaluation report in internal review
Edgewater Village Lake	Nutrients (1)	<ul style="list-style-type: none"> •Identify SSA workgroup to determine UAA process •Per previous MDEStat meeting it was agreed that there were higher priorities given current workload. Consequently, at this point in time, no further action is planned.

Table 7: SSA Vacancies with Approved Exceptions OR With Exception Request Recently Submitted by OBF Based on New Vacancy Prioritization

PIN and Class	Vacancy Date	Status
063971 RCE SR	12/28/2010	SSA currently revising the MS-22.
058907 NRP II	11/1/2010	Forwarded to DBM on 3/3/11 requesting contractual conversion (Santana). Paperwork for conversion is complete so once the exception is approved, we can move forward.